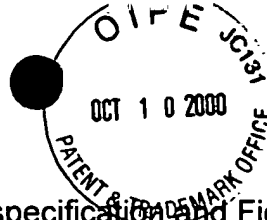


40. The capacitive transducer of Claim 39, wherein said feedback signals
end constitute the outputs of the transducer.

REMARKS

The application as originally filed provides basis for the above amendment to the claims.

The basis for new claim 19 is found at pages 17-19 in the specification. The basis for new claim 20 is found at pages 15, 20 and 24 in the specification. The basis for new claim 21 is found at pages 16 and 22 in the specification. The basis for new claim 22 is found at pages 3, 20, 21 and 22 in the specification. The basis for new claim 23 is found at page 24 in the specification. The basis for new claim 24 is found at pages 16 and 22 in the specification. The basis for new claim 25 is found at pages 24 and 25 in the specification. The basis for new claim 26 is found at pages 8, 10 and 14 in the specification. The basis for new claim 27 is found at pages 15, 20 and 24 in the specification. The basis for new claim 28 is found at pages 16 and 22 in the specification. The basis for new claim 29 is found at pages 16 and 21-22 in the specification. The basis for new claim 30 is found at page 24 in the specification. The basis for new claim 31 is found at pages 16 and 22 in the specification. The basis for new claim 32 is found at pages 8 and 9 in the specification. The basis for new claim 33 is found at pages 8, 14, 15 and 25 in the specification. The basis for new claim 34 is

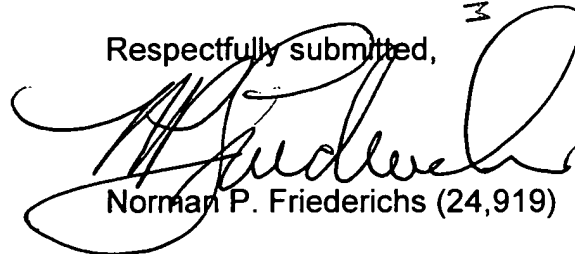


found at page 13 in the specification and Figure 8 in the drawings. The basis for new claim 35 is found at page 13 in the specification and Figure 8 in the drawings. The basis for new claim 36 is found at page 24 in the specification. The basis for new claim 37 is found at pages 22-25 in the specification. The basis for new claim 38 is found at pages 15, 20 and 24 in the specification. The basis for new claim 39 is found at pages 3, 20-22 in the specification. The basis for new claim 40 is found at page 24 in the specification.

Applicant respectfully submits that claims 19 through 40 have antecedent basis in the application as originally filed and that claims 1- 40 are patentably distinct over the prior art. Applicant requests an early allowance of claims 1-40.

Date: October 4, 2000

Respectfully submitted,


Norman P. Friederichs (24,919)

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TC 2300 MAIL ROOM

Applicant : Wayne Bonin
Serial No. : 09/413,494
Filed : 10-06-99 Group Art Unit: 2831
For : Precision Multi- Dimensional Capacitive Transducer Examiner: Michael Brock
Docket No. : B908-002-PAT

CERTIFICATE OF MAILING

I hereby certify that the following papers (and or fee(s)) are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D. C. 20231 on 4th day of October, 2000.

1. Amendment Before First Office Action;
2. Additional Claims Fee \$389.00; and
3. Certificate of Mailing.


Friederichs Law Firm, plc.
100 S. Fifth St., Suite 1295
Minneapolis, MN 55402
(612) 333-0022
Fax: (612) 333-9198